

02/13/01

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02-14-01 A

PTO/SB/05 (2/98)

Approved for use through 09/30/2000. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR § 1.53(b))

Attorney Docket No. 4740-003

First Inventor or Application Identifier Vanghi

Title CONNECTION MANAGEMENT FOR DUAL MODE ACCESS TERMINALS IN A RADIO NETWORK

Express Mail Label No. EL659734379US

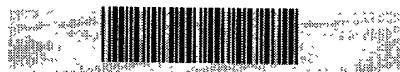
**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1.  \*Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2.  Specification [Total Pages 30]  
(preferred arrangement set forth below)
  - Descriptive title to the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to Microfiche Appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
3.  Drawing(s) (35 U.S.C. 113) [Total Sheets 7]
4.  Oath or Declaration [Total Pages 3]
  - a.  Newly executed (original or copy)
  - b.  Copy from a prior application (37 C.F.R. § 1.63(d))  
(for continuation/divisional with Box 17 completed)  
**[Note Box 5 below]**
    - i.  DELETION OF INVENTOR(S)  
Signed statement attached deleting  
inventor(s) named in the prior application,  
see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).
5.  Incorporation By Reference (useable if Box 4b is checked)  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary statement:

Continuation     Divisional     Continuation-in-part (CIP)    of prior application No: \_\_\_\_\_ / \_\_\_\_\_  
Prior application information: Examiner:    Group/Art Unit: \_\_\_\_\_

**18. CORRESPONDENCE ADDRESS** Customer Number or Bar Code Labelor  Correspondence address below

(Insert Customer No. or attach bar code label here)

|         |                         |          |  |
|---------|-------------------------|----------|--|
| NAME    | PATENT TRADEMARK OFFICE |          |  |
|         |                         |          |  |
| ADDRESS |                         |          |  |
|         |                         |          |  |
| CITY    | STATE                   | ZIP CODE |  |
| COUNTRY | TELEPHONE               | FAX      |  |

|                   |                          |                                   |                   |
|-------------------|--------------------------|-----------------------------------|-------------------|
| Name (Print/Type) | Michael D. Murphy        | Registration No. (Attorney/Agent) | 44,958            |
| Signature         | <i>Michael D. Murphy</i> | Date                              | February 13, 2001 |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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**FEE TRANSMITTAL**

Patent fees are subject to annual revision on October 1

These are the fees effective December 29, 1999.

Small Entity payments must be supported by a small entity statement. otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. §§ 1.27 and 1.28.

**TOTAL AMOUNT OF PAYMENT** **\$1,216.00**

Complete if Known

|                      |          |
|----------------------|----------|
| Application Number   | TBA      |
| Filing Date          | TBA      |
| First Named Inventor | Vanghi   |
| Examiner Name        | TBA      |
| Group Art Unit       | TBA      |
| Attorney Docket No.  | 4730-003 |

**METHOD OF PAYMENT** (check one)

1.  The Commission is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 18-1167

Deposit Account Name Coats & Bennett, P.L.L.C.

Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17  Charge the Issue Fee Set in 37 CFR § 1.18 at the Mailing of the Notice of Allowance

2.  Payment Enclosed:

Check  Money Order  Other

**FEE CALCULATION** (continued)**3. ADDITIONAL FEES**

| Large Entity Fee Code | Entity Fee (\$) | Small Entity Fee Code | Entity Fee (\$) | Fee Description  | Fee Paid |
|-----------------------|-----------------|-----------------------|-----------------|--|----------|
| 105                   | 130             | 205                   | 65              | Surcharge - late filing fee or oath  |          |
| 127                   | 50              | 227                   | 25              | Surcharge - late provisional filing fee or cover sheet                     |          |
| 139                   | 130             | 139                   | 130             | Non-English specification  |          |
| 147                   | 2,520           | 147                   | 2,520           | For filing a request for reexamination                                     |          |
| 112                   | 920*            | 112                   | 920*            | Requesting publication of SIR prior to Examiner action                     |          |
| 113                   | 1,840*          | 113                   | 1,840*          | Requesting publication of SIR after Examination action                     |          |
| 115                   | 110             | 215                   | 55              | Extension for reply within first month                                     |          |
| 116                   | 380             | 216                   | 190             | Extension for reply within second month                                    |          |
| 117                   | 870             | 217                   | 435             | Extension for reply within third month                                     |          |
| 118                   | 1,360           | 218                   | 680             | Extension for reply within fourth month                                    |          |
| 128                   | 1,850           | 228                   | 925             | Extension for reply within fifth month                                     |          |
| 119                   | 300             | 219                   | 150             | Notice of Appeal   |          |
| 120                   | 300             | 220                   | 150             | Filing a brief in support of an appeal                                     |          |
| 121                   | 260             | 221                   | 130             | Request for oral hearing   |          |
| 138                   | 1,510           | 138                   | 1,510           | Petition to institute a public use proceeding                              |          |
| 140                   | 110             | 240                   | 55              | Petition to revive - unavoidable   |          |
| 141                   | 1,210           | 241                   | 605             | Petition to revive - unintentional   |          |
| 142                   | 1,210           | 242                   | 605             | Utility issue fee (or reissue)   |          |
| 143                   | 430             | 243                   | 215             | Design issue fee   |          |
| 144                   | 580             | 244                   | 290             | Plant issue fee  |          |
| 122                   | 130             | 122                   | 130             | Petitions to the Commissioner  |          |
| 123                   | 50              | 123                   | 50              | Petitions related to provisional applications                              |          |
| 126                   | 240             | 126                   | 240             | Submission of Information Disclosure Stmt.                                 |          |
| 581                   | 40              | 581                   | 40              | Recording each patent assignment per property (times number of properties) | 40.00    |
| 146                   | 760             | 246                   | 380             | Filing a submission after final rejection (37 CFR 1.129(a))                |          |
| 149                   | 760             | 249                   | 380             | For each additional invention to be examined (37 CFR 1.129(b))             |          |

**FEE CALCULATION****1. BASIC FILING FEE**

| Large Entity Fee Code | Entity Fee (\$) | Small Entity Fee Code | Entity Fee (\$) | Fee Description        | Fee Paid |
|-----------------------|-----------------|-----------------------|-----------------|------------------------|----------|
| 101                   | 690             | 201                   | 345             | Utility filing fee     | 710.00   |
| 106                   | 310             | 206                   | 155             | Design filing fee      |          |
| 107                   | 480             | 207                   | 240             | Plant filing fee       |          |
| 108                   | 760             | 208                   | 380             | Reissue filing fee     |          |
| 114                   | 150             | 214                   | 75              | Provisional filing fee |          |
| SUBTOTAL (1)          |                 |                       |                 | \$710.00               |          |

**2. EXTRA CLAIM FEES**

|                           | Extra Claims | Fee from below           | Fee Paid |
|---------------------------|--------------|--------------------------|----------|
| Total Claims              | 37           | -20** = 17 X 18 = 306.00 |          |
| Independent Claims        | 5            | -3** = 2 X 80 = 160.00   |          |
| Multiple Dependent Claims |              | X =                      |          |

\*\* or number previously paid, if greater; For Reissues, see below

| Large Entity Fee Code | Entity Fee (\$) | Small Entity Fee Code | Entity Fee (\$) | Fee Description   |
|-----------------------|-----------------|-----------------------|-----------------|---|
| 103                   | 18              | 203                   | 9               | Claims in excess of 20                                    |
| 102                   | 78              | 202                   | 39              | Independent claims in excess of 3                         |
| 104                   | 260             | 204                   | 130             | Multiple dependent claim                                  |
| 109                   | 78              | 209                   | 39              | **Reissue independent claims over original patent         |
| 110                   | 18              | 210                   | 9               | **Reissue claims in excess of 20 and over original patent |
| SUBTOTAL (2)          |                 |                       |                 | \$466.00  |

Other fee (specify)

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) \$40.00

| SUBMITTED BY          |                   |      |                   | Complete (if applicable) |         |
|-----------------------|-------------------|------|-------------------|--------------------------|---------|
| Typed or Printed Name | Michael D. Murphy |      |                   | Reg. Number              | 44,958  |
| Signature             | Michael D. Murphy | Date | February 13, 2001 | Deposit Account User ID  | 18-1167 |

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Express Mail Label No.: EL659734379US  
Date Mailed: February 13, 2001

# UNITED STATES PATENT APPLICATION FOR GRANT OF LETTERS PATENT

**Vieri Vanghi**  
INVENTOR

## CONNECTION MANAGEMENT FOR DUAL MODE ACCESS TERMINALS IN A RADIO NETWORK

**COATS & BENNETT, P.L.L.C.**  
P.O. Box 5  
Raleigh, NC 27602  
(919) 854-1844

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
Vieri Vanghi )  
Serial No. \_\_\_\_\_ )  
Filed: \_\_\_\_\_ )  
For: CONNECTION MANAGEMENT FOR )  
DUAL MODE ACCESS TERMINALS IN )  
A RADIO NETWORK )  
Attorney's Docket No. P-4740-003 )

**Express Mail Certification  
Label No.EL659734379US**

Raleigh, North Carolina

February 13, 2001

Commissioner for Patents  
**BOX PATENT APPLICATION**  
Washington, D.C. 20231

Sir:

**EXPRESS MAIL CERTIFICATE LABEL NO. EL659734379US**

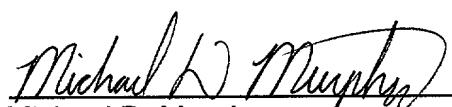
**DATE MAILED: February 13, 2001**

I hereby certify that the enclosed Utility Patent Application Transmittal, Fee Transmittal Form (2 copies), specification and claims, drawings (1 set of 7 sheets), Declaration and Power Of Attorney, Assignment and Recordation Sheet, and our Check # 3710 in the amount of \$1,216.00, are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above and is addressed to Commissioner for Patents, BOX PATENT APPLICATION, Washington, D.C. 20231.

Respectfully submitted,

**COATS & BENNETT, P.L.L.C.**

By:



Michael D. Murphy  
Registration No. 44,958

Telephone: (919) 854-1844